

**Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2016, Massachusetts**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum				Biomass	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>	Retail Electricity Sales	Net Energy <sup>e,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>e,g</sup>
			Distillate Fuel Oil	HGL <sup>c</sup>	Kerosene	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels			Thousand Cords							
1960	487	45	34,305	631	4,858	39,794	427	--	--	4,190	--	--	--
1965	210	65	37,082	777	2,682	40,541	378	--	--	5,766	--	--	--
1970	104	83	38,530	784	1,434	40,748	459	--	--	9,335	--	--	--
1975	30	90	37,860	845	591	39,295	491	--	--	10,648	--	--	--
1980	21	94	22,712	567	323	23,602	2,099	--	--	11,571	--	--	--
1985	30	98	20,064	858	577	21,499	1,470	--	--	12,907	--	--	--
1990	13	107	20,540	1,141	163	21,843	904	--	--	15,581	--	--	--
1995	4	106	20,064	1,218	130	21,412	976	--	--	15,993	--	--	--
1998	4	114	18,362	1,445	148	19,954	1,014	--	--	16,256	--	--	--
1999	3	112	18,332	1,356	190	19,878	726	--	--	16,278	--	--	--
2000	2	114	20,445	1,582	191	22,217	714	--	--	17,562	--	--	--
2001	2	107	22,293	1,435	197	23,925	575	--	--	17,984	--	--	--
2002	11	109	22,066	1,162	127	23,355	583	--	--	18,695	--	--	--
2003	7	126	20,816	1,644	244	22,703	614	--	--	19,591	--	--	--
2004	4	113	19,337	1,391	279	21,007	630	--	--	19,769	--	--	--
2005	3	119	18,425	1,698	299	20,422	179	--	--	20,539	--	--	--
2006	1	104	15,645	1,735	238	17,619	159	--	--	19,624	--	--	--
2007	2	115	15,882	1,794	161	17,837	175	--	--	20,138	--	--	--
2008	0	133	15,793	1,920	63	17,775	196	--	--	19,638	--	--	--
2009	0	133	14,276	1,795	99	16,170	510	--	--	19,475	--	--	--
2010	0	126	14,593	1,685	100	R 16,378	445	--	--	21,409	--	--	--
2011	0	129	14,210	1,989	62	R 16,261	456	--	--	20,473	--	--	--
2012	0	115	11,922	1,556	29	R 13,507	425	--	--	20,313	--	--	--
2013	0	117	12,856	1,864	30	R 14,750	587	--	--	20,728	--	--	--
2014	0	127	14,584	2,117	52	R 16,753	R 594	--	--	20,071	--	--	--
2015	0	127	14,465	1,979	44	R 16,488	R 441	--	--	20,175	--	--	--
2016	0	112	11,231	1,966	52	13,249	354	--	--	19,693	--	--	--
<b>Trillion Btu</b>													
1960	12.1	46.6	199.8	2.4	27.5	229.8	8.5	NA	NA	14.3	311.3	35.4	346.7
1965	5.2	65.7	216.0	3.0	15.2	234.2	7.6	NA	NA	19.7	332.3	47.0	379.2
1970	2.5	83.6	224.4	3.0	8.1	235.6	9.2	NA	NA	31.8	362.7	77.1	439.8
1975	0.7	90.6	220.5	3.2	3.3	227.1	9.8	NA	NA	36.3	364.5	87.1	451.7
1980	0.5	96.0	132.3	2.2	1.8	136.3	42.0	NA	NA	39.5	306.1	94.8	401.0
1985	0.7	100.1	116.9	3.3	3.3	123.4	29.4	NA	NA	44.0	296.0	100.9	396.9
1990	0.3	110.6	119.6	4.4	0.9	124.9	18.1	0.0	0.2	53.2	307.1	121.9	429.1
1995	0.1	108.5	116.8	4.7	0.7	122.2	19.5	0.0	0.2	54.6	305.0	123.3	428.3
1996	0.1	117.3	106.9	5.5	0.8	113.2	20.3	0.0	0.2	55.5	306.5	122.8	429.3
1997	0.1	114.5	106.7	5.2	1.1	113.0	14.5	0.0	0.2	55.5	297.8	116.9	414.7
1998	0.1	103.6	98.8	4.8	1.1	104.7	12.9	0.0	0.2	55.9	277.4	124.9	402.3
1999	0.1	112.1	103.7	4.9	1.0	109.6	13.3	(s)	0.2	59.3	294.6	142.1	436.7
2000	(s)	119.1	119.0	6.1	1.1	126.1	14.3	(s)	0.2	59.9	319.7	135.5	455.2
2001	(s)	111.5	129.7	5.5	1.1	136.3	11.5	(s)	0.2	61.4	320.9	136.4	457.3
2002	0.3	113.1	128.4	4.5	0.7	133.6	11.7	(s)	0.2	63.8	322.5	142.5	465.0
2003	0.2	129.4	121.1	6.3	1.4	128.8	12.3	(s)	0.1	66.8	337.6	137.3	474.9
2004	0.1	116.0	112.5	5.3	1.6	119.4	12.6	(s)	0.2	67.5	315.7	139.2	454.9
2005	0.1	120.4	107.2	6.5	1.7	115.4	3.6	(s)	0.2	70.1	309.7	135.8	445.5
2006	(s)	104.9	90.8	6.7	1.4	98.8	3.2	(s)	0.2	67.0	274.1	131.3	405.3
2007	0.1	117.0	91.9	6.9	0.9	99.7	3.5	(s)	0.2	68.7	289.2	135.2	424.4
2008	0.0	134.5	91.3	7.4	0.4	99.0	3.9	(s)	0.3	67.0	304.8	126.8	431.6
2009	0.0	137.0	82.5	6.9	0.6	90.0	10.2	(s)	0.3	66.4	303.9	120.6	424.5
2010	0.0	129.8	84.3	6.5	0.6	91.3	8.9	0.1	0.3	73.0	303.5	131.3	434.8
2011	0.0	132.9	82.0	7.6	0.3	R 90.0	9.1	(s)	0.4	69.9	R 302.4	121.0	R 423.4
2012	0.0	119.2	68.8	6.0	0.2	R 74.9	8.5	0.1	0.6	69.3	R 272.6	131.9	R 404.5
2013	0.0	120.7	74.2	7.2	0.2	R 81.5	11.7	0.1	R 0.8	70.7	R 285.5	136.7	R 422.3
2014	0.0	129.9	84.1	8.1	0.3	R 92.5	R 11.9	0.1	1.5	68.5	R 304.4	134.1	R 438.5
2015	0.0	130.4	83.4	7.6	0.3	R 91.3	R 8.8	0.1	2.3	68.8	R 301.6	132.8	R 434.4
2016	0.0	115.5	64.8	7.5	0.3	72.6	7.1	0.1	4.1	67.2	266.5	128.4	394.9

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.<sup>b</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.<sup>d</sup> Wood and wood-derived fuels.<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.<sup>g</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.<sup>h</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

— = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.